

Realex Division of United Industries Corp P.O. Box 142642 St. Louis, MO 63114-0642	Product Name Phone: Items: Formula Code:	Real-Kill Wasp & Hornet Killer ₄ 1-800-897-8524 HG-96321 21-1393; 21-0666; 01-1006
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MSDS Date: 12/15/2014
Product Name: Real-Kill Wasp & Hornet Killer₄
 EPA Reg. No. 9688-325-478

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

CAS #: Aerosol
Product Use: Wasp & Hornet Killer Aerosol

Manufacturer: Chemsico
 Div. of United Industries Corp
 P.O. Box 142642
 St. Louis, MO 63114

SECTION 2 - HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

Potential short term health effects: No expected reaction.
Eyes: No irritation expected.
Skin: May cause irritation.
Inhalation: No expected reaction.
Ingestion: No expected reaction.
Target organs: None.
Chronic effects: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms: Symptoms may include redness, edema, drying, defatting and cracking of the skin.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Composition comments: This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

NOTE: No reportable quantities of hazardous ingredients are present per OSHA 29 CFR 1910.1200. No toxic chemical(s) subject to reporting requirements of Section 313 of Title III and 40 CFR 372 are present.

ACTIVE COMPONENT	CAS#	PERCENTAGE
Cypermethrin	52315-07-8	0.040%
Prallethrin	23031-36-9	0.020%
Aliphatic Petroleum Hydrocarbons	64742-47-8	5.000%
Propane	74-98-6	3.500%

OTHER COMPONENT	CAS#	PERCENTAGE
Other	N/A	91.440%

SAFETY DATA SHEET

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Note: Ingredients not identified are not hazardous

SECTION 4 - FIRST AID MEASURES

FIRST AID PROCEDURES

Eye contact:	None required
Skin contact:	Users should wash hands with plenty of soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside.
Inhalation:	None required
Ingestion:	None required
Note to Physician:	Symptoms may be delayed.
General advice:	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable properties:	Pressurized Aerosol Container
SUITABLE EXTINGUISHING MEDIA	
Extinguishing media:	Water Fog, Foam, CO ₂ , Dry Chemical
Unsuitable extinguishing media:	Not Available.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Protection of firefighters:	Not Available.
Protective equipment for firefighters:	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products:	None known.

SENSITIVITY TO MECHANICAL IMPACT

Explosion data:	Not Available.
Sensitivity to static discharge:	Not Available.
Personal precautions:	Keep unnecessary personnel away. Do not touch or walk through spilled material.

HMIS Ratings Health Hazard 0 Fire Hazard 2 Reactivity 0

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Methods for containment: Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with earth, sand or absorbent material swept up and placed in suitable, covered, and labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

SECTION 7 - HANDLING AND STORAGE

Handling: Use good industrial hygiene practices in handling this material.

Storage: Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: General ventilation normally adequate.

EYE / FACE PROTECTION

Personal protective equipment: None required

Hand protection: None required

Skin and body protection: None required

Respiratory protection: None required

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear

Color: light yellow to water-white

Form: Aerosol

Odor: Aromatic solvent (slight)

Odor threshold: Not Available.

Physical state: Pressurized Liquid

pH: 7.3

Freezing point: 32°F

Boiling point: 212°F

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Flash point:	>200°F (liquid portion)
Flame Extension	0" (level 1 aerosol)
Flammability limits in air, lower, % by volume:	Not Available..
Flammability limits in air, upper, % by volume:	Not Available.
Vapor pressure:	Not Available.
Vapor density:	Not Available.
Specific gravity:	1.00
Octanol/water coefficient:	Not Available.
Auto-ignition temperature:	Not Available.

SECTION 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical stability:	Stable under recommended storage conditions.
Conditions to avoid:	Do not mix with other chemicals.
Incompatible materials:	Avoid strong oxidizers.
Hazardous decomposition products:	None known.
Possibility of hazardous reactions:	Hazardous polymerization does not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE

Eye:	Non irritating
Skin:	Non irritating
Inhalation:	LC ₅₀ > 2mg/L (EPA Tox category IV)
Ingestion:	LD ₅₀ > 5000 mg/kg
Sensitization:	Not a skin sensitizer
Chronic effects/ Carcinogenicity:	Not Available.
Mutagenicity:	Not Available.
Reproductive effects:	Not Available.
Teratogenicity:	Not Available.
Ecotoxicity:	Not Available.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental effects:	Not Available.
Aquatic toxicity:	Not Available.
Persistence / degradability:	Not Available.

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Bioaccumulation / accumulation:	Not Available.
Partition coefficient:	Not Available.
Mobility in environmental media:	Not Available.
Chemical fate information:	Not Available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste codes:	Not Available.
Disposal instructions:	Dispose in accordance with all applicable regulations.
Waste from residues / unused products:	Not Available.
Contaminated packaging:	Not Available.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT):	AEROSOLS, FLAMMABLE, 2.1, UN-1950, LIMITED QUANTITY
U.S. Federal regulations:	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
IATA:	1950, Aerosols, Flammable, 2.1
IMDG:	1950. Aerosols, 2.1, Limited Quantity

SECTION 15 - REGULATORY INFORMATION

29 CFR 1910.1200 hazardous chemical Occupational Safety and Health Administration (OSHA):	No
CERCLA (Superfund) reportable quantity:	Not Available.

HAZARD CATEGORIES**Superfund Amendments and Reauthorization Act of 1986 (SARA):**

Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

Section 302 extremely hazardous Substance:	No
Section 311 hazardous chemical:	No
Clean Air Act (CAA):	Not Available.
Clean Water Act (CWA):	Not Available.

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State regulations:

INVENTORY STATUS

**Inventory Country(s) or region name
on inventory (yes/no)*:**

Yes - A "Yes" indicates that all components of this product
comply with the inventory requirements administered by
the governing country(s) of The United States & Puerto
Rico Toxic Substances Control Act (TSCA) Inventory

Disclaimer:

Information contained herein was obtained from sources
considered technically accurate and reliable. While every
effort has been made to ensure full disclosure of product
hazards, in some cases data is not available and is so
stated. Since conditions of actual product use are beyond
control of the supplier, it is assumed that users of this
material have been fully trained according to the
requirements of all applicable legislation and regulatory
instruments. No warranty, expressed or implied, is made
and supplier will not be liable for any losses, injuries or
consequential damages which may result from the use of
or reliance on any information contained in this document.

SECTION 16 - OTHER INFORMATION

Issue date: 12/15/2014

Prepared by: United Industries Corp.
 (800) 242 1166



MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication
And WHIMS Standard 29 CFR 1910-1200

Print Date: 07/01/09

Product Name: WASP & HORNET SPRAY Product Number: 90-380

I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: ComStar International Inc. **Tel:** 718-445-7900, 800-328-0142
Address: 20-45 128th Street, College Point, NY 11356 **Fax:** 718-353-5998

Chemical Name: Blended Formula

Synonym(s): None

II - COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENTS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS NO.</u>
TETRAMETHRIN	NOT EST.	NOT EST.	7696-12-0
PHENOTHIRIN	NOT EST.	NOT EST.	26002-80-2
PETROLEUM DISTILLATE	NOT EST.	NOT EST.	64742-47-8
CARBON DIOXIDE	10000 ppm	5000 ppm	124-38-9

III - HAZARDS IDENTIFICATION

HMIS Hazard Ratings: Health - 2, Flammability - 3, Chemical Reactivity - 0

NFPA Hazard Ratings: Health - 2, Flammability - 3, Chemical Reactivity - 0

NOTE: HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

IV - FIRST-AID MEASURES

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Eyes: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

Skin: Remove contaminated clothing, wash affected skin with soap and water immediately. Get medical attention if symptoms occur.

Ingestion: Drink plenty of water. Get immediate medical attention.

V - FIRE FIGHTING MEASURES

Flash Point (° F): 107 F **Flammability Limit:** **LEL** 1.4 **UEL** 8.9

Extinguishing Media: Water, dry chemical, carbon dioxide (CO₂)

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products: Unknown

Unusual Fire and Exposure Hazards: None known. Keep product cool.

VI - ACCIDENTAL RELEASE MEASURES

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

For Large Spills: Flush spill area with water spray. Prevent run-off from entering drains, sewers, or streams, collect run-off.

VII - HANDLING AND STORAGE

Personal Precautionary Measures: Avoid contact with eyes and skin. Wash thoroughly after handling. Do not breathe vapors or fumes.

Prevention of Fire and Explosion: Keep from contact with oxidizing materials, alkalis and acids. Store away from heat, sunlight and moisture.

VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

ACGIH Threshold Limit Value (TLV): see section II

OSHA (USA) Permissible Exposure Limit (PEL): see section II

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, evaporation from large surfaces, spraying, heating, etc.

Respiratory Protection: If engineering controls do not maintain airborne concentrations to an acceptable level, a NIOSH approved respirator must be worn.

Respirator Type: Organic vapor. If respirators are used, a program should be instituted to assure Compliance with OSHA Standard 29 CFR 1910.134.

Eye Protection: Wear safety glasses with side shields (or goggles) and a face shield.

Skin Protection: It is a good industrial hygiene practice to minimize skin contact.

Recommended Decontamination Facilities: Eye bath, washing facilities

IX - PHYSICAL AND CHEMICAL PROPERTIES

Color: White cloudy emulsion

Odor: Mild petroleum odor

Odor Threshold: not available

Specific Gravity (H₂O = 1): .96

Vapor Pressure at 70° F: 46 psig

Vapor Density (Air = 1): > 1

Evaporation Rate (n-butyl acetate = 1): < 1

Volatile Fraction by Weight: N/A

Boiling Point: 180° F

Melting Point: Not available

Viscosity at 25° C (77° F): N/A

Solubility in Water: miscible

Octanol/ Water Partition Coefficient: not available

Flash Point: 107 F

Lower Explosive Limit 135° C (275° F): N/A

Upper Explosive Limit 199° C (390° F): N/A

Auto ignition Temperature (ASTM D 2155): N/A

X - STABILITY AND REACTIVITY

Stability: Product is considered stable.

Incompatibility: strong oxidizing and alkalis

Hazardous Polymerization: will not occur.

XI - TOXICOLOGICAL INFORMATION

Inhalation: Low hazard for usual industrial handling by trained personnel.

Eyes: Causes irritation.

Skin: Low hazard for usual industrial handling by trained personnel, see label warnings.

Ingestion: Dangerous if ingested.

Acute Toxicity Data:

Oral LD-50 (rabbit): not available

Inhalation LC-50: not available

XII - ECOLOGICAL INFORMATION

Introduction: Leaks should be stopped. Spills should be contained and cleaned up immediately. Large liquid spills should be removed by using a vacuum truck. Solid spills should be scooped up and placed in approved containers for disposal. The spill area should then be flushed with water followed by liberal covering of sodium bicarbonate. All clean-up material should be removed and placed in approved containers, labeled and stored in a safe place to await proper treatment or disposal. Spills on areas other than pavement, e.g., dirt or sand, may be handled by removing the affected soils and placing in approved containers. Persons performing clean-up work should wear adequate personal protective equipment and clothing. Spills or releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

XIII - DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws. Check with state and local officials before disposal.

XIV - TRANSPORT INFORMATION

Aerosol only- DOT (USA) Status: Shipping marking as "aerosols, non-flammable/2.2/UN 1950/ORM-D III"

TDG (Canada) Status: Marking as shown above

Air – International Civil Aviation Organization (ICAO), see next

ICAO Status: Check with air freight forwarder for ruling.

Sea – International Maritime Dangerous Goods (IMDG)

IMDG Status: Check with freight forwarder for ruling.

XV - REGULATORY INFORMATION

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard 29 CFR 910.1200.

OSHA hazardous chemical(s): trade secret (blended formula).

Material(s) known to the State of California to cause cancer: none

Material(s) known to the State of California to cause adverse reproductive effects: none

Massachusetts Substance List: none.

New Jersey Workplace Hazardous Substance List: none

Pennsylvania Hazardous Substance List: none

This document has been prepared in accordance with the MSDS requirements of the WHMIS Controlled Products Regulation.

WHMIS (Canada) Ingredient Disclosure List: trade secret (blended formula).

WHMIS (Canada) Status: not listed.

WHMIS (Canada) controlled material(s): not listed.

WHMIS (Canada) Hazard Classification: not classified.

Carcinogenicity Classification (components present at 0.1% or more): None

International Agency for Research on Cancer (IARC): Not listed
American Conference of Governmental Industrial Hygienist (ACGIH): Not listed
National Toxicology Program (NTP): not listed
Occupational Safety and Health Administration (OSHA): Not listed

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: None.

SARA (U.S.A.) Sections 311 and 312 hazard classification(s): Not listed.

NOTE: *The opinions expressed are those of qualified experts within ComStar International Inc. We believe that the information contained is current as of the date of the Material Safety Data Sheet. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of ComStar International Inc., it is the user's obligation to determine the conditions of safe use of the product.*